For final lab exam Microprocessor & Assembly language lab

1. Write down a code “Hello World!” Print with appropriate message.
2. Write down a code to Scan a character and print it in new line with appropriate message.
3. Write a program to reverse a string with appropriate message.
4. Write a program to convert an uppercase letter to lowercase letter with appropriate message.
5. Write a program to print Hello World horizontally and vertically with appropriate message.
6. Write a program to convert a lowercase letter to uppercase letter with appropriate message.
7. Write a program to compare two numbers and print the greater one with appropriate messages.
8. Write a program for the following pseudocode:
   CASE AX

   5< Print “Less than 5” 5=
   Print “Equal to 5” 5>
   Print “Greater than 5”

9. Write a program which read a character and print it if it’s uppercase letter.
10. Write a program which read a character and print it if it’s a lowercase letter.
11. Write a program to find out a number is in the given range or not. If the number is between 5 to 9 then print “Between ranges” otherwise print “Not in the range”.
12. Write a program which read a character and if it’s a ‘y’ or ‘Y’ prints it otherwise terminate the program.
13. Write a program which reads two numbers add the two numbers and show the results in the new line with appropriate messages.
14. Write a program which reads two numbers subtract two numbers and show the result in the new line.
15. Write a program that read alphabet randomly and print it in a alphanumeric order in the next line.
16. Write a program to print 20 Star “*”.
17. Write a program to print the following figure:
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18. Write a program for the following input output:
    Input: I AM STUDENT.
    Output: IAS
19. Write a program that read character until a space is read.
20. Write down a code all character Print but ‘Space ‘terminate.
21. Write a program that read character until ‘Y’ is read using Repeat.
22. Write a program for the following input output:
    Input: 23
    Output: 23
    Input: 41
    Output: 14
23. Write a program to print the number of ‘X’ from a string sequence.